

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2016 Levee Inspection Results****Tehama County Flood Control and Water Conservation District**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 01 Deer Creek			Left	4.22
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Keith Millard			
Accompanied By	Brandon Konicke Tehama County			
	Ryan Teubert			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start		Rating **	A	Issue No.	12
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0019_01_s _ 2013_12				
Comment Code					
Inspector Comment					
The LMA has O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0019_01_s _ 2013_13				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0019_01_s _ 2013_14				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2014.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	0.00	Rating **	U	Issue No.	41
LM End	0.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.973077 °	39.971722 °
				-121.980344 °	-121.991869 °
DWR ID	DWR_NA0019_01_s _ 2016_41				
Comment Code					
DT : Ditch					
Inspector Comment					
Concrete-lined ditch on L/S.					

Photo 1 of 1 : SP_2016_NA0019_78_41_20160513_00061.jpg



Concrete-lined ditch along L/S.

LM Start	0.01	Rating **	M	Issue No.	17
LM End	0.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.973111 °	39.973111 °
				-121.980466 °	-121.980466 °
DWR ID	DWR_NA0019_01_s _ 2013_17				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_17_20160316_00009.jpg



View of the erosion along the landside slope.

LM Start	0.02	Rating **	U	Issue No.	275
LM End	0.02	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.973128 °	39.973128 °
				-121.980734 °	-121.980734 °
DWR ID	DWR_NA0019_01_s _ 2014_275				
Comment Code					
PI : Pipe					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_275_20160316_00017.jpg



View of the irrigation pipe along the waterside slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	0.17	Rating **	M	Issue No.	288
LM End	0.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973302 °	39.973302 °
				-121.983538 °	-121.983538 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39840 DS_ID:24684 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 36-inch concrete irrigation pipe through the levee 0.5-feet below the crown. Concrete canal and distribution struture on LS shoulder. FS Date: 10/2/2013					

LM Start	0.17	Rating **	M	Issue No.	288 (cont)
LM End	0.17	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_39840_39060.jpg



Outlet covered by tree trimmings.

Photo 2 of 2 : UCIP_SP_2016_39840_39059.jpg



Pipe visible at WS outlet.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	0.17	Rating **	M	Issue No.	290
LM End	0.17	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.973285 °	39.973285 °
				-121.983531 °	-121.983531 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39838 DS_ID:24685 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 24-inch concrete irrigation pipe through the levee 2-feet below the crown. Concrete canal and distribution struture on LS shoulder. Concrete U-shaped headwall and flapgate on WS toe. FS Date: 10/2/2013					

Photo 1 of 1 : UCIP_SP_2016_39838_39058.jpg



Concrete U-shaped headwall and flapgate at WS toe.

LM Start	0.41	Rating **	M	Issue No.	18
LM End	0.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.972560 °	39.972560 °
				-121.987759 °	-121.987759 °
DWR ID	DWR_NA0019_01_s_2013_18				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_18_20160316_00010.jpg



View of the erosion along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	0.45	Rating **	M	Issue No.	276
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.972377 °	39.972377 °
				-121.988559 °	-121.988559 °
DWR ID	DWR_NA0019_01_s _ 2014_276				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_276_20160316_00018.jpg



View of the erosion along the waterside slope.

LM Start	0.46	Rating **	M	Issue No.	19
LM End	0.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.972339 °	39.972339 °
				-121.988763 °	-121.988763 °
DWR ID	DWR_NA0019_01_s _ 2013_19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_19_20160316_00011.jpg



View of the erosion along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	0.49	Rating **	M	Issue No.	291
LM End	0.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.972280 °	39.972280 °
				-121.989227 °	-121.989227 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:39839 DS_ID:24686 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for crossing. FIELD_STRUCT_DESC: 20-inch concrete irrigation pipe through the levee 2-feet below the crown. Concrete canal and distribution struture with slat boards on LS shoulder. FS Date: 10/2/2013					

LM Start	0.49	Rating **	M	Issue No.	291 (cont)
LM End	0.49	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_39839_39063.jpg



Concrete canal/distribution box on LS shoulder.

Photo 2 of 2 : UCIP_SP_2016_39839_39062.jpg



Concrete headwall at canal on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	1.52	Rating **	M	Issue No.	21
LM End	1.52	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.969419 °	39.969419 °
				-122.007850 °	-122.007850 °
DWR ID	DWR_NA0019_01_f_2013_21				
Comment Code					
A2 : Repair the levee slope damaged by livestock and prevent large animal access.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_21_20160316_00013.jpg



View of the erosion caused by livestock on both slope of the levee.

LM Start	1.65	Rating **	M	Issue No.	277
LM End	1.65	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.968654 °	39.968654 °
				-122.010207 °	-122.010207 °
DWR ID	DWR_NA0019_01_s_2014_277				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_277_20160316_00019.jpg



View of the trees limbs along the waterside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	1.67	Rating **	U	Issue No.	278
LM End	1.67	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.968642 °	39.968642 °
				-122.010494 °	-122.010494 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:21729
DS_ID:20770
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: Flapgate blocked by soil buildup.
FIELD_STRUCT_DESC: 24-inch pipe through the levee 1.5-feet below the crown. Flap gate on the WS toe. Originally included in O+M manual (1957). As-built drawings available 50-4-2394.
FS Date: 10/2/2013

LM Start	1.67	Rating **	U	Issue No.	278 (cont)
LM End	1.67	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_21729_36922.jpg



Flapgate on WS toe.

Photo 2 of 2 : UCIP_SP_2016_21729_36921.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	1.88	Rating **	M	Issue No.	289
LM End	1.88	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969156 °	39.969156 °
				-122.013809 °	-122.013809 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:39837
DS_ID:24690
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing.
FIELD_STRUCT_DESC: 4-inch steel conduit through the levee at an unknown depth. Junction box off LS toe next to JP and roadway.
Conduit visible on upstream side of bridge at Deer Creek crossing.
FS Date: 10/2/2013

LM Start	1.88	Rating **	M	Issue No.	289 (cont)
LM End	1.88	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_39837_39067.jpg



Communication box off LS shoulder next to roadway.

Photo 2 of 2 : UCIP_SP_2016_39837_39066.jpg



Communication box on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	1.89	Rating **	U	Issue No.	279
LM End	1.89	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.969105 °	39.969105 °
				-122.014028 °	-122.014028 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:21730 DS_ID:20769 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate missing or burried on WS toe. Pipe partially blocked by soil on WS toe. FIELD_STRUCT_DESC: 24-inch corrugated metal pipe through the levee, 7-feet below the crown. Flap gate on the waterward end. 5'X5' concrete control structure on LS toe. Originally included in O+M manual (1957). As-built drawings available 50-4-2394. FS Date: 10/2/2013					

LM Start	1.89	Rating **	U	Issue No.	279 (cont)
LM End	1.89	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_21730_36925.jpg



Pipe on WS toe with flapgate hinges.

Photo 2 of 2 : UCIP_SP_2016_21730_36924.jpg



Outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	1.89	Rating **	M	Issue No.	2
LM End	2.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.969108 °	39.966921 °
				-122.014099 °	-122.019469 °
DWR ID	DWR_NA0019_01_s_2012_2				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_2_20160316_00001.jpg



Remove agricultural ditch from toe of levee.

LM Start	2.29	Rating **	C	Issue No.	3
LM End	3.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.967015 °	°
				-122.020781 °	°
DWR ID	DWR_NA0019_01_f_2012_3				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	2.47	Rating **	C	Issue No.	7
LM End	2.56	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.967016 °	39.966455 °
				-122.024068 °	-122.025531 °
DWR ID	DWR_NA0019_01_s_2012_7				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	2.57	Rating **	M	Issue No.	281
LM End	2.57	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.966363 °	39.966363 °
				-122.025755 °	-122.025755 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22823					
DS_ID:20877					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Headwall covered with soil. Needs to be cleared at both ends.					
FIELD_STRUCT_DESC: 24-inch Corrugated mtl pipe through the levee 5-feet below the crown. Calco automatic drainage gate.					
Originally included in O+M manual (1957). As-built drawings available 50-4-2394.					
FS Date: 10/2/2013					

Photo 1 of 1 : UCIP_SP_2016_22823_38941.jpg



Concrete headwall on LS toe.

LM Start	2.70	Rating **	C	Issue No.	8
LM End	2.73	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.965434 °	39.965180 °
				-122.027776 °	-122.028331 °
DWR ID	DWR_NA0019_01_s_2012_8				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	2.78	Rating **	M	Issue No.	39
LM End	2.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			39.964772 °	39.964772 °
				-122.029023 °	-122.029023 °
DWR ID	DWR_NA0019_01_s _ 2015_39				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor the erosion during high water.					

Photo 1 of 1 : SP_2016_NA0019_78_39_20160316_00016.jpg



View of the erosion along the waterside toe.

LM Start	2.81	Rating **	M	Issue No.	40
LM End	2.81	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.964510 °	39.964510 °
				-122.029440 °	-122.029440 °
DWR ID	DWR_NA0019_01_s _ 2016_40				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Wild grapes impeding vehicle traffic. Recommend removal of vegetation.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	2.86	Rating **	M	Issue No.	282
LM End	2.86	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.963938 °	39.963938 °
				-122.030128 °	-122.030128 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22824 DS_ID:20767 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe blocked by soil. FIELD_STRUCT_DESC: 24-inch pipe through the levee 6-feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-built drawings available 50-4-2394. FS Date: 10/2/2013					

Photo 1 of 2 : UCIP_SP_2016_22824_38946.jpg



Flapgate blocked by soil and debris.

LM Start	2.86	Rating **	M	Issue No.	282 (cont)
LM End	2.86	Issue Type +	En	Location *	CR

Photo 2 of 2 : UCIP_SP_2016_22824_38945.jpg



Flapgate blocked by soil and debris.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	2.86	Rating **	M	Issue No.	38
LM End	2.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.963928 °	39.963928 °
				-122.030120 °	-122.030120 °
DWR ID	DWR_NA0019_01_f_2014_38				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_38_20160316_00015.jpg



View of erosion from the cattle on both slopes.

LM Start	2.88	Rating **	M	Issue No.	20
LM End	2.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.963709 °	39.963709 °
				-122.030384 °	-122.030384 °
DWR ID	DWR_NA0019_01_s_2013_20				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_20_20160316_00012.jpg



View of the erosion along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

Levee Inspection Report By Mile - Spring 2016

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

No Photos

Photo 1 of 1 : SP_2016_NA0019_78_37_20160316_00014.jpg



View of the scrap equipment along the waterside toe.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.29	Rating **	M	Issue No.	283
LM End	3.29	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.947484 °	39.947484 °
				-122.049011 °	-122.049011 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:22825					
DS_ID:20766					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Pipe buried. Water flows to low spot and dissapears, but pipe not visible.					
FIELD_STRUCT_DESC: 24-inch pipe through the levee 8-feet below the crown, flap gate on waterward end. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394.					
FS Date: 10/2/2013					

Photo 1 of 2 : UCIP_SP_2016_22825_38952.jpg



Low spot with water on LS toe.

LM Start	3.29	Rating **	M	Issue No.	283 (cont)
LM End	3.29	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_22825_38951.jpg



Low spot with water on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.59	Rating **	M	Issue No.	286
LM End	3.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945964 °	39.945964 °
				-122.054229 °	-122.054229 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:23007					
DS_ID:24687					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 48-inch corrugated metal drainpipe through the levee, 6-feet below the crown. Flap gate on the waterward end.					
FS Date: 10/3/2013					

LM Start	3.59	Rating **	M	Issue No.	286 (cont)
LM End	3.59	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_23007_39070.jpg



Pipe visible on LS toe.

Photo 2 of 2 : UCIP_SP_2016_23007_39069.jpg



Pipe visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.60	Rating **	M	Issue No.	292
LM End	3.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945952 °	39.945952 °
				-122.054259 °	-122.054259 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:39836
DS_ID:24688
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: No permit identified for this crossing. Brush should be removed from flapgate outlet.
FIELD_STRUCT_DESC: 48-inch corrugated metal drainpipe through the levee, 6-feet below the crown. Flap gate on the waterward end.
FS Date: 10/3/2013

LM Start	3.60	Rating **	M	Issue No.	292 (cont)
LM End	3.60	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_39836_39073.jpg



Pipe visible on LS toe.

Photo 2 of 2 : UCIP_SP_2016_39836_39072.jpg



Pipe visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.60	Rating **	U	Issue No.	287
LM End	3.60	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.945928 °	39.945928 °
				-122.054305 °	-122.054305 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:41126
DS_ID:24689
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: Flapgate does not fully close. Needs brush cleared away from outlet.
FIELD_STRUCT_DESC: 36-inch corrugated metal drainpipe through the levee, 7-feet below the crown. Flap gate on the waterward end. Concrete headwall on LS toe.
FS Date: 10/3/2013

LM Start	3.60	Rating **	U	Issue No.	287 (cont)
LM End	3.60	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_41126_39076.jpg



Pipe visible at headwall on LS toe.

Photo 2 of 2 : UCIP_SP_2016_41126_39075.jpg



Flapgate visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.66	Rating **	C	Issue No.	9
LM End	3.66	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.945249 °	39.945249 °
				-122.053720 °	-122.053720 °
DWR ID	DWR_NA0019_01_s_2012_9				
Comment Code					
FE : Fence					
Inspector Comment					
4/26/16, gate was open where fence crossed perpendicular to crown. No obstruction to visibility or access.					

No Photos

LM Start	3.68	Rating **	M	Issue No.	15
LM End	3.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.945045 °	39.945045 °
				-122.053469 °	-122.053469 °
DWR ID	DWR_NA0019_01_f_2012_15				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_15_20160316_00007.jpg



View of the erosion caused by livestock along the landside slope.

LM Start	3.74	Rating **	M	Issue No.	16
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.944456 °	39.944456 °
				-122.053932 °	-122.053932 °
DWR ID	DWR_NA0019_01_f_2012_16				
Comment Code					
DT : Ditch					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_78_16_20160316_00008.jpg



View of the ditch along the waterside toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.75	Rating **	M	Issue No.	285
LM End	3.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944460 °	39.944460 °
				-122.053930 °	-122.053930 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:23094 DS_ID:20763 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Erosion on WS toe. FIELD_STRUCT_DESC: 12-inch concrete stormdrain pipe, through the levee, 2-feet below the crown. FS Date: 10/3/2013					

LM Start	3.75	Rating **	M	Issue No.	285 (cont)
LM End	3.75	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_23094_39307.jpg



Concrete pipe at inlet on LS toe.

Photo 2 of 2 : UCIP_SP_2016_23094_39306.jpg



Concrete pipe at outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.75	Rating **	C	Issue No.	10
LM End	3.75	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.944432 °	39.944432 °
				-122.054029 °	-122.054029 °
DWR ID	DWR_NA0019_01_s _ 2012_10				
Comment Code					
FE : Fence					
Inspector Comment					
4/26/16 fence open, no obstruction.					

No Photos

LM Start	3.75	Rating **	M	Issue No.	284
LM End	3.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.944426 °	39.944426 °
				-122.054045 °	-122.054045 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:23092					
DS_ID:24691					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Outlet substantially blocked at WS toe. No permit identified for this crossing.					
FIELD_STRUCT_DESC: 10-inch concrete irrigation pipe through the levee 2.0-feet below the crown. Slide gate at terminal end of concrete channel on LS shoulder.					
FS Date: 10/3/2013					

Photo 1 of 2 : UCIP_SP_2016_23092_39298.jpg



Slide panel at inlet on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	3.75	Rating **	M	Issue No.	284 (cont)	
LM End	3.75	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.944426 °		39.944426 °
				-122.054045 °		-122.054045 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:23092						
DS_ID:24691						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Outlet substantially blocked at WS toe. No permit identified for this crossing.						
FIELD_STRUCT_DESC: 10-inch concrete irrigation pipe through the levee 2.0-feet below the crown. Slide gate at terminal end of concrete channel on LS shoulder.						
FS Date: 10/3/2013						

Photo 2 of 2 : UCIP_SP_2016_23092_39297.jpg



Pipe outlet on WS toe.

LM Start	3.80	Rating **	M	Issue No.	5
LM End	3.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.944135 °	39.944135 °
				-122.054788 °	-122.054788 °
DWR ID	DWR_NA0019_01_s_2012_5				
Comment Code					
PR : Prunings					
Inspector Comment					
4/26/16, changed from LS to WS.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Deer Creek	Left	4.22	04/26/2016 04/26/2016	Keith Millard

LM Start	4.10	Rating **	U	Issue No.	280
LM End	4.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.941002 °	39.941002 °
				-122.058711 °	-122.058711 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:21743 DS_ID:20762 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Gate missing from WS toe. FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee 5.5- feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-built drawing No. 50-4-2394. FS Date: 10/3/2013					

Photo 1 of 2 : UCIP_SP_2016_21743_36942.jpg



Inlet on LS toe.

LM Start	4.10	Rating **	U	Issue No.	280 (cont)
LM End	4.10	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP_SP_2016_21743_36941.jpg



Concrete headwall at inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 02 Deer Creek			Right	1.89
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Keith Millard			
Accompanied By	Brandon Konicke Tehama County			
	Ryan Tuebert			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/26/2016 04/26/2016	Keith Millard

LM Start	0.00	Rating **	A/W	Issue No.	12
LM End	0.31	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970397 °	39.970264 °
				-122.008919 °	-122.014438 °
DWR ID	DWR_NA0019_02_s _ 2015_12				
Comment Code					
MA : Material					
Inspector Comment					
Remainder of Unit No. 2 levee is not accessible due to the lack of easement and the landowner will not allow DWR access.					

No Photos

LM Start	0.30	Rating **	M	Issue No.	2
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970305 °	39.970305 °
				-122.014465 °	-122.014465 °
DWR ID	DWR_NA0019_02_s _ 2012_2				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_79_2_20160316_00001.jpg



View of debris & wire at toe of levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/26/2016 04/26/2016	Keith Millard

LM Start	0.31	Rating **	M	Issue No.	14
LM End	0.31	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.970256 °	39.970256 °
				-122.014471 °	-122.014471 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:40789 DS_ID:24683 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch galvanized iron communication conduit through the levee at an unknown depth. Pipe visible on upstream side of bridge. FS Date: 10/2/2013					

Photo 1 of 2 : UCIP_SP_2016_40789_39057.jpg



Communication line access box on WS shoulder.

LM Start	0.31	Rating **	M	Issue No.	14 (cont)
LM End	0.31	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2016_40789_39056.jpg



Communication line access box on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/26/2016 04/26/2016	Keith Millard

LM Start	0.32	Rating **	M	Issue No.	11
LM End	0.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970193 °	39.970188 °
				-122.014738 °	-122.015034 °
DWR ID	DWR_NA0019_02_s _ 2016_11				
Comment Code					
DT : Ditch					
Inspector Comment					
Concrete-lined.					

Photo 1 of 1 : SP_2016_NA0019_79_11_20160506_00012.jpg



04/26/2016: Concrete-lined ditch at L/S toe.

LM Start	0.34	Rating **	M	Issue No.	4
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970210 °	39.970210 °
				-122.015198 °	-122.015198 °
DWR ID	DWR_NA0019_02_s _ 2012_4				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_79_4_20160316_00003.jpg



View of the concrete pile along the W/S toe.

LM Start	0.35	Rating **	M	Issue No.	7
LM End	0.35	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.970117 °	39.970117 °
				-122.015365 °	-122.015365 °
DWR ID	DWR_NA0019_02_s _ 2012_7				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_79_7_20160316_00005.jpg



View of building at toe of levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/26/2016 04/26/2016	Keith Millard

LM Start	0.68	Rating **	U	Issue No.	13
LM End	0.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.968818 °	39.968818 °
				-122.020904 °	-122.020904 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41123 DS_ID:20771 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Debris blocking proper function of flapgate on WS toe. FIELD_STRUCT_DESC: 24-inch pipe through the levee, 8.3 feet below the crown. Flap gate on the waterward end. Originally included in O+M manual (1957). As-builts drawing 50-4-2394. FS Date: 10/1/2013					

LM Start	0.68	Rating **	U	Issue No.	13 (cont)
LM End	0.68	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_41123_36902.jpg



Concrete headwall at LS toe.

Photo 2 of 2 : UCIP_SP_2016_41123_36901.jpg



Concrete headwall at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/26/2016 04/26/2016	Keith Millard

LM Start	0.85	Rating **	M	Issue No.	1
LM End	0.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.968165 °	39.967766 °
				-122.023828 °	-122.024620 °
DWR ID	DWR_NA0019_02_s _ 2016_1				
Comment Code					
Inspector Comment					
2006 - Banks are composed of lithified cobble alluvial soils (relict alluvial fan deposits). Slow erosion of lithified lower bank materials with faster erosion of overlying less cohesive soils resulting in channel "skating" across lithified horizon. 2011 - The Deer Creek Watershed Conservation Group is planning a reach-wide repair for Deer Creek. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: DEC 0-9 R]					

No Photos

LM Start	1.28	Rating **	M	Issue No.	6
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.964883 °	39.964883 °
				-122.030655 °	-122.030655 °
DWR ID	DWR_NA0019_02_s _ 2012_6				
Comment Code					
FW : Firewood					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_79_6_20160316_00004.jpg



Remove all firewood from the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Deer Creek	Right	1.89	04/26/2016 04/26/2016	Keith Millard

LM Start	1.37	Rating **	M	Issue No.	3
LM End	1.37	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.963997 °	39.963997 °
				-122.032030 °	-122.032030 °
DWR ID	DWR_NA0019_02_f_2013_3				
Comment Code					
DE : Debris					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_79_3_20160316_00002.jpg



View of the debris along the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 04 Elder Creek			Left	3.98
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Keith Millard			
Accompanied By	Ryan Teubert			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	0.64	Rating **	U	Issue No.	919
LM End	0.64	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051702 °	40.051702 °
				-122.177308 °	-122.177308 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41125 DS_ID:20880 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flapgate operation hindered by soil and vegetation on WS toe. FIELD_STRUCT_DESC: 2 of 2: 36-inch CM drain pipe through levee, 8.6 feet below crown. Flap gate and concrete "U" headwall on waterward end. Concrete "U" headwall on landward end. Originally included in USACE O+M manual (1963). As-built drawing No. 50-4-3622. FS Date: 10/3/2013					

LM Start	0.64	Rating **	U	Issue No.	919 (cont)
LM End	0.64	Issue Type +	En	Location *	CR

Photo 1 of 2 : UCIP_SP_2016_41125_37061.jpg



Concrete U-shaped headwall on LS toe.

Photo 2 of 2 : UCIP_SP_2016_41125_37060.jpg



Concrete U-shaped headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	1.39	Rating **	M	Issue No.	16
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.051493 °	40.051493 °
				-122.164935 °	-122.164935 °
DWR ID	DWR_NA0019_04_f_2014_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_16_20160316_00011.jpg



View of the vehicle erosion along the waterside slope.

LM Start	1.43	Rating **	M	Issue No.	5
LM End	1.49	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			40.051596 °	40.051979 °
				-122.164179 °	-122.163106 °
DWR ID	DWR_NA0019_04_s_2016_5				
Comment Code					
Inspector Comment					
2006 - High vertical bank due to mass failures. Thalweg meandering and erosion of bank. Banks are cohesive with non-cohesive gravel horizons. 2011 - Foundation is silty-sand with gravel. New slumping at the toe, mass failure continues. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: ELC 1-4 L]					

No Photos

LM Start	1.59	Rating **	M	Issue No.	3
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052607 °	40.053558 °
				-122.161418 °	-122.159903 °
DWR ID	DWR_04_s_2012_3				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Tehama Co. repaired the slope that was damaged by vehicle traffic, but the damage has returned. On 4/26/16, vehicle erosion area was repaired again, but should be monitored.					

Photo 1 of 1 : SP_2016_NA0019_81_3_20160316_00003.jpg



View of the levee slope damaged by vehicle traffic.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	2.28	Rating **	M	Issue No.	917 (cont)
LM End	2.28	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.052379 °	40.052379 °
				-122.149534 °	-122.149534 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:23045 DS_ID:24694 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch gasline through the levee 3.5-feet below the crown. Pipe visible on upstream side of bridge. FS Date: 10/3/2013					

Photo 2 of 2 : UCIP_SP_2016_23045_39105.jpg



Gasline on upstream side of bridge.

LM Start	2.30	Rating **	M	Issue No.	18
LM End	2.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052415 °	40.052415 °
				-122.149208 °	-122.149208 °
DWR ID	DWR_NA0019_04_s_2012_18				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_18_20160316_00013.jpg



View of the vehicle erosion along the L/S slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	2.32	Rating **	M	Issue No.	12
LM End	2.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052443 °	40.052443 °
				-122.148863 °	-122.148863 °
DWR ID	DWR_NA0019_04_f_2013_12				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_12_20160316_00007.jpg



View of the vehicle erosion along the landside slope.

LM Start	2.37	Rating **	M	Issue No.	14
LM End	2.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.052397 °	40.052397 °
				-122.147867 °	-122.147867 °
DWR ID	DWR_NA0019_04_s_2015_14				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_14_20160316_00008.jpg



View of the prunings along the landside slope.

LM Start	2.43	Rating **	M	Issue No.	20
LM End	2.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052417 °	40.052417 °
				-122.146747 °	-122.146747 °
DWR ID	DWR_NA0019_04_s_2012_20				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_20_20160316_00015.jpg



View of the vehicle erosion along the L/S slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	2.51	Rating **	M	Issue No.	2
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.052872 °	40.052872 °
				-122.145495 °	-122.145495 °
DWR ID	DWR_NA0019_04_s _ 2012_2				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_2_20160316_00002.jpg



View of the vehicle erosion along the L/S slope.

LM Start	2.63	Rating **	M	Issue No.	15
LM End	2.63	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.054337 °	40.054337 °
				-122.144235 °	-122.144235 °
DWR ID	DWR_NA0019_04_s _ 2015_15				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside toe.					

Photo 1 of 2 : SP_2016_NA0019_81_15_20160316_00009.jpg



View of the prunings along the landside toe.

LM Start	2.63	Rating **	M	Issue No.	15 (cont)
LM End	2.63	Issue Type +	En	Location *	LS

Photo 2 of 2 : SP_2016_NA0019_81_15_20160316_00010.jpg



View of the prunings along the landside toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	2.63	Rating **	M	Issue No.	4
LM End	2.63	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.054352 °	40.054352 °
				-122.144245 °	-122.144245 °
DWR ID	DWR_NA0019_04_s_2012_4				
Comment Code					
DE : Debris					
Inspector Comment					

No Photos

LM Start	2.69	Rating **	M	Issue No.	19
LM End	2.69	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.055020 °	40.055020 °
				-122.143562 °	-122.143562 °
DWR ID	DWR_NA0019_04_s_2015_19				
Comment Code					
DE : Debris					
Inspector Comment					
Remove the debris from the waterside slope.					

Photo 1 of 1 : SP_2016_NA0019_81_19_20160316_00014.jpg



View of the debris along the waterside slope.

LM Start	2.80	Rating **	M	Issue No.	916
LM End	2.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.055033 °	40.055595 °
				-122.141457 °	-122.141203 °
DWR ID	DWR_NA0019_04_s_2012_916				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	3.01	Rating **	M	Issue No.	17
LM End	3.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.056448 °	40.056448 °
				-122.139302 °	-122.139302 °
DWR ID	DWR_NA0019_04_f_2014_17				
Comment Code					
PR : Prunings					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_17_20160316_00012.jpg



View of the prunings along the landside slope.

LM Start	3.01	Rating **	M	Issue No.	10
LM End	3.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.056388 °	40.056388 °
				-122.139168 °	-122.139168 °
DWR ID	DWR_NA0019_04_s_2012_10				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the waterside slope from vehicle erosion.					

Photo 1 of 1 : SP_2016_NA0019_81_10_20160316_00005.jpg



View of the vehicle erosion along the waterside slope.

LM Start	3.13	Rating **	M	Issue No.	1
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.057285 °	40.057285 °
				-122.137732 °	-122.137732 °
DWR ID	DWR_NA0019_04_s_2012_1				
Comment Code					
ST : Stairway					
Inspector Comment					
Remove concnere blocks, concrete pipes and concrete stairs from the landside slope.					

Photo 1 of 1 : SP_2016_NA0019_81_1_20160316_00001.jpg



View of the concrete stairways on the slope.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	3.13	Rating **	M	Issue No.	25
LM End	3.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.057350 °	40.057350 °
				-122.137667 °	-122.137667 °
DWR ID	DWR_NA0019_04_f_2015_25				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the landside slope from vehicle erosion.					

Photo 1 of 1 : SP_2016_NA0019_81_25_20160316_00020.jpg



View of the vehicle erosion along the landside slope.

LM Start	3.31	Rating **	M	Issue No.	6
LM End	3.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.057558 °	40.057558 °
				-122.134417 °	-122.134417 °
DWR ID	DWR_NA0019_04_s_2012_6				
Comment Code					
GA : Garbage					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_81_6_20160316_00004.jpg



View of the garbage and metal along the landside slope and toe of the levee.

LM Start	3.39	Rating **	C	Issue No.	11
LM End	3.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.056595 °	40.055527 °
				-122.133547 °	-122.130223 °
DWR ID	DWR_NA0019_04_s_2013_11				
Comment Code					
DT : Ditch					
Inspector Comment					
No ditch observed, only slight depression along levee toe. No obstruction to visibility or access. Marked as corrected on 4/26/2016.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	3.66	Rating **	M	Issue No.	21
LM End	3.66	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.055735 °	40.055735 °
				-122.129445 °	-122.129445 °
DWR ID	DWR_NA0019_04_s_2015_21				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the landside toe.					

Photo 1 of 1 : SP_2016_NA0019_81_21_20160316_00016.jpg



View of the prunings along landside toe.

LM Start	3.69	Rating **	M	Issue No.	7
LM End	3.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.055920 °	40.055945 °
				-122.128948 °	-122.128310 °
DWR ID	DWR_NA0019_04_s_2012_7				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	3.78	Rating **	U	Issue No.	23
LM End	3.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.055207 °	40.054225 °
				-122.127735 °	-122.126085 °
DWR ID	DWR_NA0019_04_s_2015_23				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the waterside slope. Overtopped in 2014. DWR FSRP repair contract in place per LMA on 4/26/2016.					

Photo 1 of 1 : SP_2016_NA0019_81_23_20160316_00018.jpg



View of the erosion along the waterside slope.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Elder Creek	Left	3.98	04/26/2016 04/26/2016	Keith Millard

LM Start	3.78	Rating **	U	Issue No.	22
LM End	3.93	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.055162 °	40.053915 °
				-122.127713 °	-122.125412 °
DWR ID	DWR_NA0019_04_s _ 2015_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the landside slope. Overtopped in 2014. DWR FSRP repair contract in place per LMA on 4/26/2016.					

Photo 1 of 1 : SP_2016_NA0019_81_22_20160316_00017.jpg



View of the erosion along the landside slope.

LM Start	3.79	Rating **	U	Issue No.	24
LM End	3.93	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.055060 °	40.053917 °
				-122.127602 °	-122.125412 °
DWR ID	DWR_NA0019_04_s _ 2015_24				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion on the crown roadway. Overtopped in 2014. DWR FSRP repair contract in place per LMA on 4/26/2016.					

Photo 1 of 1 : SP_2016_NA0019_81_24_20160316_00019.jpg



View of the erosion on the crown roadway.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2016 Levee Inspection Results

Tehama County Flood Control and Water Conservation District

Waterway			Bank	Unit Miles
Unit No. 05 Elder Creek			Right	3.87
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Keith Millard			
Accompanied By	Brandon Konicke Tehama County			
	Ryan Teubert			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	0.50	Rating **	M	Issue No.	19
LM End	0.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.050585 °	40.050585 °
				-122.182972 °	-122.182972 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41124					
DS_ID:20801					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Debris inside pipe at WS toe needs to be removed as it may prevent proper operation of the flapgate.					
FIELD_STRUCT_DESC: 24-inch CM pipe through the levee, 5.2 feet below the crown. Flap gate on waterward end. Concrete "U" headwalls on the waterward and landward ends. Originally included in USACE O+M Manual (1963). As-built drawing 50-4-3622					
FS Date: 10/3/2013					

LM Start	0.50	Rating **	M	Issue No.	19 (cont)
LM End	0.50	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_SP_2016_41124_36953.jpg



Concrete headwall on WS toe.

Photo 2 of 2 : UCIP_SP_2016_41124_36952.jpg



Inlet at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	0.80	Rating **	M	Issue No.	16
LM End	0.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			40.050694 °	40.050702 °
				-122.177481 °	-122.177448 °
DWR ID	DWR_NA0019_05_f_2014_16				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the chip prunings from the landside toe.					

LM Start	0.80	Rating **	M	Issue No.	16 (cont)
LM End	0.80	Issue Type +	En	Location *	LS

Photo 1 of 2 : SP_2016_NA0019_82_16_20160316_00006.jpg



View of the prunings along the landside slope.

Photo 2 of 2 : SP_2016_NA0019_82_16_20160316_00007.jpg



View of the Chip prunings along the landside toe.

LM Start	0.94	Rating **	M	Issue No.	8
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			40.051360 °	40.052361 °
				-122.175063 °	-122.173450 °
DWR ID	DWR_NA0019_05_f_2015_8				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Grout the rodent the holes. Rodents appeared in holes in center of crown and on LS slope on 4/26/16.					

Photo 1 of 1 : SP_2016_NA0019_82_8_20160316_00003.jpg



View of the rodent holes along the landside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	1.51	Rating **	A/W	Issue No.	13
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			40.050653 °	40.050653 °
				-122.165495 °	-122.165495 °
DWR ID	DWR_NA0019_05_f_2015_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair the vehicle erosion long the landside slope. On 4/26/16 no damage was observed on levee. Should be monitored.					

Photo 1 of 1 : SP_2016_NA0019_82_13_20160316_00004.jpg



View of the vehicle erosion along the landside slope.

LM Start	1.96	Rating **	C	Issue No.	15
LM End	1.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.052282 °	40.052282 °
				-122.157558 °	-122.157558 °
DWR ID	DWR_NA0019_05_s_2016_15				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair the erosion along the waterside slope. On 4/26/2016, WS berm and riprap observed; updated photo taken; marked as corrected.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	2.41	Rating **	M	Issue No.	18
LM End	2.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051336 °	40.051336 °
				-122.149991 °	-122.149991 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:23052 DS_ID:24692 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Underground fiber optic line through the levee at an unknown depth. Sign markers on LS shoulder. FS Date: 10/3/2013 9:02:00 AM					

LM Start	2.41	Rating **	M	Issue No.	18 (cont)
LM End	2.41	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_23052_39137.jpg



Fiber optic line markers on LS shoulder.

Photo 2 of 2 : UCIP_SP_2016_23052_39136.jpg



Fiber optic line markers on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	2.47	Rating **	M	Issue No.	17
LM End	2.47	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			40.051667 °	40.051667 °
				-122.149033 °	-122.149033 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:23044					
DS_ID:24693					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 4-inch gasline through the levee 2.5-feet below the crown. Pipe visible on upstream side of bridge.					
FS Date: 10/3/2013					

LM Start	2.47	Rating **	M	Issue No.	17 (cont)
LM End	2.47	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_SP_2016_23044_39104.jpg



Gasline on upstream side of bridge.

Photo 2 of 2 : UCIP_SP_2016_23044_39103.jpg



Gasline on upstream side of bridge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	2.65	Rating **	M	Issue No.	2
LM End	2.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.051778 °	40.052243 °
				-122.145745 °	-122.144825 °
DWR ID	DWR_NA0019_05_s _ 2012_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_82_2_20160316_00001.jpg



View of the landscaping along the slope.

LM Start	3.01	Rating **	M	Issue No.	1
LM End	3.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			40.054730 °	40.054970 °
				-122.140578 °	-122.140238 °
DWR ID	DWR_NA0019_05_s _ 2016_1				
Comment Code					
Inspector Comment					
2006 - Mass failure of this bank due to being along the outside of a bend where erosion and undercutting are the greatest. Low flow is being forced into the toe of this bank by point bar on the opposite side of the creek. 2011 - Toe of the bank continues to be undercut. 2015: Site is part of the extended inventory, last inspected 2011. [2015 Site ID: ELC_3-0_R]					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	3.12	Rating **	M	Issue No.	11
LM End	3.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.055632 °	40.055607 °
				-122.138910 °	-122.138868 °
DWR ID	DWR_NA0019_05_s _ 2012_11				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	3.30	Rating **	M	Issue No.	9
LM End	3.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			40.056831 °	40.054862 °
				-122.136365 °	-122.129279 °
DWR ID	DWR_NA0019_05_s _ 2012_9				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	3.35	Rating **	U	Issue No.	10
LM End	3.35	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.056875 °	40.056875 °
				-122.135349 °	-122.135349 °
DWR ID	DWR_NA0019_05_s _ 2016_10				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion rut running down LS slope from crown to toe					

Photo 1 of 1 : SP_2016_NA0019_82_10_20160506_00016.jpg



04/26/2016: Erosional rutting on L/S slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2016

Tehama County Flood Control and Water Conservation District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Elder Creek	Right	3.87	04/26/2016 04/26/2016	Keith Millard

LM Start	3.38	Rating **	U	Issue No.	7
LM End	3.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			40.056727 °	40.056727 °
				-122.134888 °	-122.134888 °
DWR ID	DWR_NA0019_05_s _ 2016_7				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

Photo 1 of 1 : SP_2016_NA0019_82_7_20160316_00002.jpg



View of the erosion along the L/S slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---